

## ABSTRACT OF THE DISCLOSURE

A method and apparatus for monitoring a physical and/or chemical transformation of a medium in a microreactor by establishing a flow of the medium under steady conditions through at least one region of the microreactor; using an analyzer to access the steady flow at at least one point; measuring at least one magnitude characteristic of the medium at the at least one point using the analyzer; and determining characteristics representative of the transformation of the medium as a function of a result of the measurement.